

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled AUDIO SIGNAL PROCESSING, the specification of which

☒ is attached hereto.

☐ was filed on _____ as Application Serial No. _____
and was amended on _____.

☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Charles Hieken, Reg. No. 18,411

Address all telephone calls to Charles Hieken at telephone number 617/542-5070.

Address all correspondence to Charles Hieken, Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

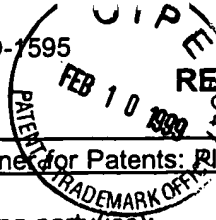
Full Name of Inventor: J. Richard Aylward

Inventor's Signature: *J. Richard Aylward* Date: 12/23/98

Residence: Ashland, MA

Citizen of: U.S.A.

Post Office Address: c/o Bose Corporation, The Mountain, Framingham, MA 01701-9168

RECORDATION FORM COVER SHEET
PATENTS ONLY

Assistant Commissioner for Patents: Please record the attached original document.

1. Name of conveying party(ies):

J. Richard Aylward

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Bose Corporation

The Mountain

Framingham, MA 01701-9168

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Additional names/addresses attached? ☐ Yes ☒ No

No

Execution Date: 12/23/98

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: 12/23/98

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

Charles Hieken
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed
☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

Charles Hieken

Name of Person Signing

Signature

Date

DEC 24 1998

Total number of pages including cover sheet, attachments, and document: 2

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Date of Deposit

12-24-98

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Douglas W. Roache

ASSIGNMENT

For valuable consideration, I, J. Richard Aylward, hereby assign to Bose Corporation, a Delaware corporation having a place of business at The Mountain, Framingham, MA 01701-9168, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled AUDIO SIGNAL PROCESSING, filed _____, and assigned U.S. Serial Number _____, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Framingham, MA,
this 23rd day of December, 1998
J. Richard Aylward L.S.
[**First**] [**Middle Initial**] [**Last**]

COMMONWEALTH OF Massachusetts:

COUNTY OF Middlesex: :ss.

Before me this 23rd day of December, 1998, personally appeared

J. Richard Aylward known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Charles Hicken
Notary Public

My Commission Expires:

[Notary's Seal Here]